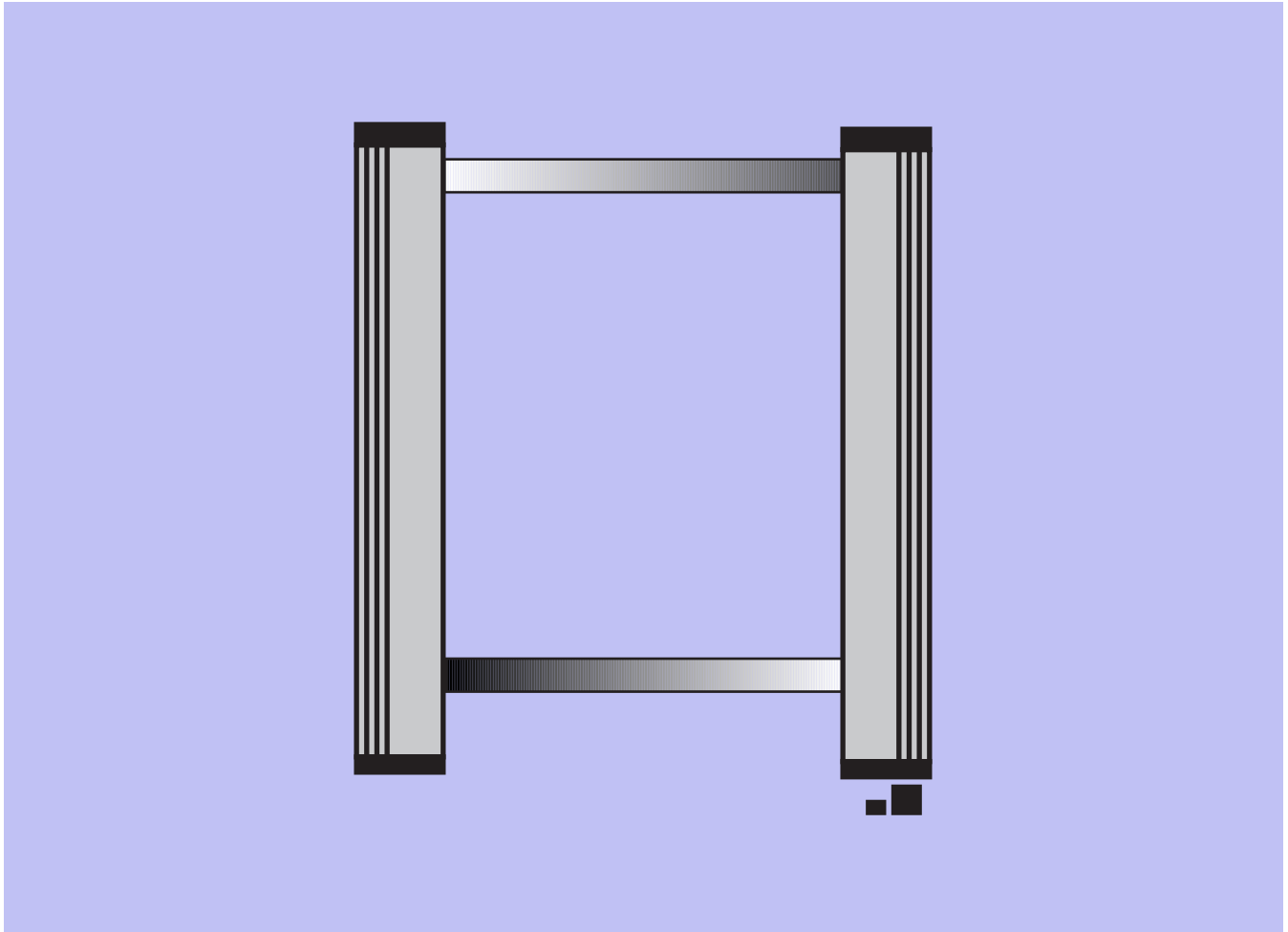


### 2-beam safety light-grid

### EU2K 500/2



**2 -beam-safety light grid**



**Safety cat. type 4**

DIN EN ISO 9001  
Reg.Nr. 96007

**Typ 4**  
EN 61496

**simple installation due to active and passive functional units**



optional

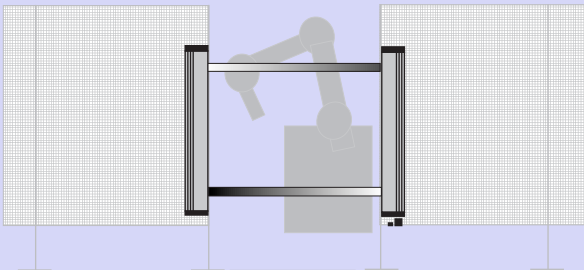
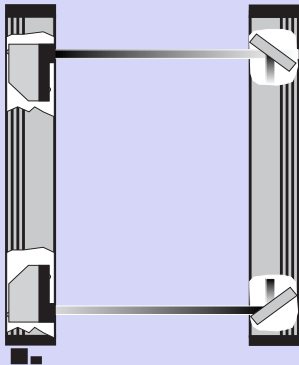
**cabling on only one side of the unit, plug-in active functional unit**



**10 m range**



**500 mm beam spacing**

features	EU2K 500/2
	<p>The safety light grid ULVT 500/2 R is an electro-sensitive protective device (ESPE) and designed for protection of persons from accidents.</p> <p>This is realized by protecting the hazardous sites and areas, enabling any access to hazard inhibiting parts of the machine only by crossing the protective field created by the light barrier.</p> <p>When entering the protective field, the light beams are interrupted and the machine will be reliably stopped.</p> <p>Safety light grids EU2K 500/2 are characterized by:</p> <ul style="list-style-type: none"> <li>- examination by the German technical surveyor authorities (TÜV)</li> <li>- compliance with safety category 4, EN61496</li> <li>- built-in self-monitoring device without auxiliary circuitry</li> <li>- compact, sturdy structural shape</li> <li>- simple installation and adjustment</li> <li>- EEx-P optionally available</li> </ul>
application	Application for the EU2K 500/2 safety light grid: as protection device at hazardous sites and areas as well as pedestrian access protection, e.g.:
	 <ul style="list-style-type: none"> <li>- metal presses for wood, plastic, rubber, leather, glass processing</li> <li>- filter presses</li> <li>- folding and bending machines</li> <li>- injection moulding machines</li> <li>- machining centres and welding presses</li> <li>- pick-and-place machines</li> <li>- robots, palettizers</li> <li>- protecting storages</li> <li>- doors and gates etc.</li> </ul>
function	
	<p>The EU2K 500/2 safety light-grid consists of two components: combined transmitter/receiver unit and mirror unit.</p> <p>The combination of transmitter and receiver unit in one single housing reduces the expenditure of cabling (electrical connection only on the combined transmitter/receiver unit).</p> <p>The interruption of the hazardous motion is realized by a discreetly built sequential safety circuitry. For various protection measures, application-optimized switching units of the LSUW series are available.</p> 
technical data	
	<p>detection range: 10 m</p> <p>voltage: 230V AC / 24V DC plug-in connection, optional 24V DC / 24V DC</p> <p>response time: 12ms; max. switching current 500mA</p> <p>adjustment display and reading of soiling degree integrated in the receiver/ transmitter unit</p> <p>housing dimensions: 55x92x665 (L x W X H)</p> <p>weight: 4250g</p> <p>optional: EEx-P</p> <p>outputs: 2 antivalent PNP-outputs, max. 0,5 A, short-circuit monitored</p>